

AMENDMENTS TO THE CLAIMS

Claims 1-43. (Canceled)

44. (New) A light source for an image writing apparatus, comprising:
a light emitting element for emitting light;
light transmitting structure for forming an image on a photosensitive drum by light emitted from said light emitting element; and
converting structure for converting an advancing direction of the light emitted from said light emitting element,
such that said light transmitting structure is for forming the image on the photosensitive drum by the light emitted from said light emitting element after an advancing direction of the light has been converted by said converting structure.
45. (New) The light source according to claim 44, wherein
said light emitting element is on a surface of a substrate so as to emit the light in a direction perpendicular to the surface, and
said converting structure is on said light emitting element.
46. (New) The light source according to claim 44, wherein
said converting structure is on a surface of a substrate, and
said light emitting element is on said converting structure so as to emit the light toward said converting structure.
47. (New) The light source according to claim 44, wherein
said light emitting element is on a surface of a substrate so as to emit the light in a direction perpendicular to the surface, and
said converting structure is on another surface of the substrate.

48. (New) The light source according to claim 47, wherein
said converting structure is for converting an advancing direction of the light emitted
from said light emitting element by converting the advancing direction of the light into a
direction that is parallel to the substrate.

49. (New) The light source according to claim 44, wherein
said converting structure comprises a prism for reflecting the light emitted from said light
emitting element in a specific direction.

50. (New) The light source according to claim 44, wherein
said light converting structure comprises a light guide to lead the light emitted from said
light emitting element in a specific direction.

51. (New) The light source according to claim 44, wherein
said converting structure is for converting an advancing direction of the light emitted
from said light emitting element by converting the advancing direction of the light into a
direction that is normal to the photosensitive drum.

52. (New) The light source according to claim 44, wherein
the image writing apparatus includes photosensitive drums arranged in series.

53. (New) The light source according to claim 44, wherein
said light emitting element comprises an organic electro luminescence material.

54. (New) A light source for an image writing apparatus, comprising:
a light emitting element for emitting light;
light transmitting structure for transmitting light emitted from said light emitting element
to a photosensitive drum; and

directivity structure for imparting directivity to the light emitted from said light emitting element,

such that said light transmitting structure is for transmitting the light emitted from said light emitting element to the photosensitive drum after said directivity structure has imparted directivity to the light.

55. (New) The light source according to claim 54, wherein
said light emitting element and said directivity structure are formed in one piece.

56. (New) The light source according to claim 54, wherein
said light transmitting structure comprises a lens, and
said directivity structure is for limiting advancing directions of the light emitted from said light emitting element to be within a range of an angle aperture of said lens.

57. (New) The light source according to claim 56, wherein
said directivity structure comprises a light guide and is for imparting directivity to the light emitted from said light emitting element by reflecting the light in said light guide according to a difference between a refractive index inside said light guide and a refractive index outside said light guide.

58. (New) The light source according to claim 57, wherein
said light guide has a mesa structure.

59. (New) The light source according to claim 58, wherein
said light emitting element is on an upper surface of said mesa structure,
a bottom of said mesa structure is on a surface of a transparent substrate, and
said light transmitting structure is for transmitting the light emitted from said light emitting element to the photosensitive drum, after said directivity structure has imparted

directivity to the light, by being between another surface of the transparent substrate and the photosensitive drum.

60. (New) The light source according to claim 56, wherein

said directivity structure comprises a light guide and is for imparting directivity to the light emitted from said light emitting element, according to a difference between a refractive index inside said light guide and a refractive index outside said light guide, when the light is emitted from inside said light guide to outside said light guide.

61. (New) The light source according to claim 60, wherein

said light guide comprises a beads sheet, having a plurality of projections on a surface thereof, on a surface of a transparent substrate,

said light emitting element is on another surface of said beads sheet, and

said light transmitting structure is for transmitting the light emitted from said light emitting element to the photosensitive drum, after said directivity structure has imparted directivity to the light, by being between the surface of said beads sheet and the photosensitive drum.

62. (New) The light source according to claim 60, wherein

said light emitting element is on a surface of a transparent substrate,

said light guide comprises a micro lens between another surface of the transparent substrate and said light transmitting structure, and

said light transmitting structure is for transmitting the light emitted from said light emitting element to the photosensitive drum, after said directivity structure has imparted directivity to the light, by being between said micro lens and the photosensitive drum.

63. (New) The light source according to claim 54, wherein

said light emitting element comprises an organic electro luminescence material.

64. (New) A light source for an image writing apparatus, comprising:
a light emitting element for emitting light;
light transmitting structure for transmitting light emitted from said light emitting element
to a photosensitive drum and forming a latent image on the photosensitive drum; and
condensing structure for condensing the light emitted from said light emitting element
and forming a section of the light on the photosensitive drum to be equal to an area of a pixel of
the latent image,
wherein a luminous area of said light emitting element is larger than the pixel of the latent
image.

65. (New) The light source according to claim 64, wherein
said light emitting element and said condensing structure are formed in one piece.

66. (New) The light source according to claim 64, wherein
said condensing structure comprises a light guide and is for condensing the light emitted
from said light emitting element by reflecting the light in said light guide according to a
difference between a refractive index inside said light guide and a refractive index outside said
light guide.

67. (New) The light source according to claim 66, wherein
said light emitting element is on a surface of said light guide,
another surface of said light guide is on a surface of a transparent substrate, and
said light transmitting structure is for transmitting the light emitted from said light
emitting element to the photosensitive drum by being between said light guide and the
photosensitive drum.

68. (New) The light source according to claim 66, wherein
said light emitting element is on a surface of a transparent substrate,

said light guide is on another surface of the transparent substrate, and
said light transmitting structure is for transmitting the light emitted from said light
emitting element to the photosensitive drum by being between said light guide and the
photosensitive drum.

69. (New) The light source according to claim 64, wherein
said condensing structure comprises a light guide and is for condensing the light emitted
from said light emitting element by reflecting the light, when the light is emitted from inside of
said light guide to outside of said light guide, according to a difference between a refractive
index inside said light guide and a refractive index outside said light guide.

70. (New) The light source according to claim 69, wherein
said condensing structure comprises a cylindrical lens or a micro lens.

71. (New) The light source according to claim 69, wherein
said light emitting element is on a surface of a transparent substrate,
said light transmitting structure is between another surface of the transparent substrate
and said condensing structure, and
said light transmitting structure is for transmitting the light emitted from said light
emitting element to the photosensitive drum by having said condensing structure be between said
light transmitting structure and the photosensitive drum.

72. (New) The light source according to claim 69, wherein
said light emitting element is on a surface of a transparent substrate,
said condensing structure is between another surface of the transparent substrate and said
light transmitting structure, and

said light transmitting structure is for transmitting the light emitted from said light emitting element to the photosensitive drum by being between said condensing structure and the photosensitive drum.

73. (New) The light source according to claim 64, wherein
said light emitting element comprises an organic electro luminescence material.

74. (New) The light source according to claim 64, wherein
a length of said light emitting element in a sub-scanning direction is longer than a length of the pixel of the latent image, when formed on the photosensitive drum, in the sub-scanning direction.

75. (New) A light source for an image writing apparatus, comprising:
a light emitting element for emitting light; and
a light transmitting structure for forming an image on a photosensitive drum by light emitted from said light emitting element,
wherein said light transmitting structure and said light emitting element are formed in one piece, and said light emitting element comprises a flat luminous unit.

76. (New) The light source according to claim 75, wherein
said flat luminous unit comprises an organic electro luminescence material.

77. (New) The light source according to claim 76, wherein
said light transmitting structure comprises a fiber lens alley including single lenses.

78. (New) The light source according to claim 77, wherein
said light emitting element corresponds to one of said single lenses.

79. (New) The light source according to claim 77, wherein
said light emitting element corresponds to a plurality of said single lenses.

80. (New) The light source according to claim 76, further comprising:
directivity structure, between said light emitting element and said light transmitting
structure, for orienting an advancing direction of the light emitted from said light emitting
element into a specific direction,
wherein said light transmitting structure, said directivity structure, and said light emitting
element are formed in one piece.

81. (New) The light source according to claim 80, wherein
said directivity structure includes a mesa structure, and an upper surface of said mesa
structure is provided with said light emitting element.

82. (New) The light source according to claim 80, wherein
said directivity structure comprises a light guide for reflecting the light, emitted from said
light emitting element, incident to said directivity structure within said directivity structure at
least once.